PCT/IB 03/03542

A.	CLA	SSIFIC	ATI	NC.	OF:	SUB:	JECT	MAT	TER
TF	J.	7	GN	1 R	23	/5/	1		

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 GO1R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

the later than the later than the later than a fidely been and whom practical search terms used)

	ata base consulted during the international search (name of data	a base and, where practical, search terms used)	
WPI Dat	ta, PAJ, INSPEC, EPO-Internal		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.
X	EP 1 024 371 A (MARCONI ELECTRO LIMITED) 2 August 2000 (2000-0		1-5,9, 10,12, 13,16,17
	column 2, line 23 - line 44 column 4, line 47 -column 5, l claims 1,2 figures 3-8	ine 19	
X	EP 0 430 322 A (PHILIPS PATENT GMBH) 5 June 1991 (1991-06-05) column 1, line 40 -column 3, l column 6, line 8 -column 8, li figures 3,4	1,10,12, 17	
X	GB 2 101 327 A (SIEMENS AG) 12 January 1983 (1983-01-12) the whole document 		1,10,12
		-/	
X Furt	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docum consister earlier filing which citatic 'O' docum other	ategories of cited documents:  tent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or a scited to establish the publication date of another on or other special reason (as specified) tent referring to an oral disclosure, use, exhibition or means tent published prior to the international filing date but	<ul> <li>"T" later document published after the inte or priority date and not in conflict with cited to understand the principle or th invention</li> <li>"X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the de</li> <li>"Y" document of particular relevance; the cannot be considered to involve an in document is combined with one or ments, such combination being obvicin the art.</li> </ul>	the application but early underlying the claimed invention to considered to comment is taken alone claimed invention eventive step when the one other such docu-
later	than the priority date claimed	*&" document member of the same patent  Date of mailing of the international se	
	e actual completion of the international search		
	4 December 2003	16/12/2003	
Name and	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Volmer, W	



PCT/IB 03/03542

(Continue	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	101/18 03/03342		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
(	EP 0 654 675 A (PICKER INTERNATIONAL, INC.) 24 May 1995 (1995-05-24) column 2, line 6 - line 56 column 4, line 48 -column 6, line 41 figures 1,2	1,10,12		
	-			
	·	·		
		·		



DCT	r/TR	03/03	<b>LL12</b>
16	1 T D	U3/ U3	,,,,,,

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 1024371	A	02-08-2000	GB EP JP US	2345139 A 1024371 A2 2000229073 A 6385478 B1	28-06-2000 02-08-2000 22-08-2000 07-05-2002
EP 0430322	Α	05-06-1991	DE EP JP US	3938370 A1 0430322 A2 3176031 A 5111144 A	23-05-1991 05-06-1991 31-07-1991 05-05-1992
GB 2101327	Α	12-01-1983	DE	3124435 A1	20-01-1983
EP 0654675	A	24-05-1995	US EP JP	5423315 A 0654675 A1 7184881 A	13-06-1995 24-05-1995 25-07-1995